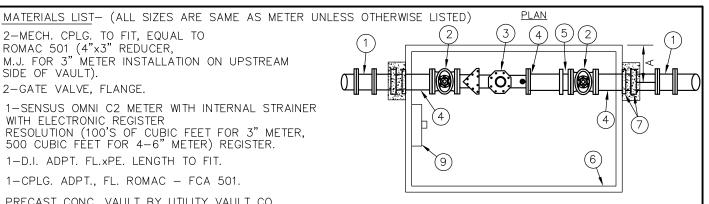


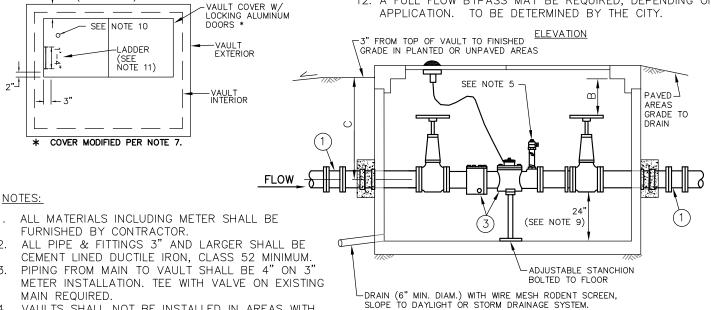
- (2)2-GATE VALVE, FLANGE.
- 1-SENSUS OMNI C2 METER WITH INTERNAL STRAINER WITH ELECTRONIC REGISTER
 RESOLUTION (100'S OF CUBIC FEET FOR 3" METER, 500 CUBIC FÈET FOR 4-6" METER) REGISTER.
- 1-D.I. ADPT. FL.xPE. LENGTH TO FIT.
- (5) 1-CPLG. ADPT., FL. ROMAC - FCA 501.
- (6) PRECAST CONC. VAULT BY UTILITY VAULT CO. (577-LA.) WITH TWO DIAMOND PLATE DOORS RATED FOR H-30 LOADING W/8" OFFSET, SEE NOTE 7.
- WELDED FL. RESTRAINT OR MEGALUG MID-SPAN RESTRAINT AND THRUST BLOCK ADJACENT TO VAULT STANDARD DETAIL W-56.
- (8) CONNECT THE FOLLOWING TO METER TEST PORT. 1-2" BRASS NIPPLE, M.I.P.T. x M.I.P.T. AND 2" F.I.P.T. x 2 1/2" M.N.S.T. PLUS CAP (2 1/2" M.N.S.T.), 6" LONG 1-2" BALL VALVE, F.I.P.T. X M.I.P.T. FORD B81-777
- (9)1-GALVANIZED STEEL LADDER TO BE ATTACHED TO VAULT. SEE NOTE 11.

-8" (SEE NOTE 7)

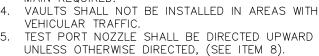
(10) TR/PL SENSOR (TO MOUNT IN VAULT ACCESS DOOR).



- MINIMUM 2' OF LEVEL, UNOBSTRUCTED AREA AROUND HATCHES.
- PROVIDE 24" CLEARANCE BETWEEN VAULT FLOOR & BOTTOM OF METER, WHERE ELEVATION OF VAULT FLOOR IS TOO LOW TO DRAIN TO DAYLIGHT OR STORM SYSTEM. THIS CLEARANCE CAN BE REDUCED TO A MINIMUM OF 12", IF SUBSTITUTION OF A SHORTER VAULT ALLOWS FLOOR TO DRAIN TO DAYLIGHT OR STORM SYSTEM (APPROVED BY THE UTILITY ON A CASE BY CASE BASIS ONLY.) SUBSTITUTE VAULT AS FOLLOWS: 575-LA WITH LW PRODUCTS HHD-48"x48" COVER (WITH SPECIAL OFFSET) ALLOWED ONLY ON 3" AND 4" METERS.
- 10. PROVIDE 2 1/4" DIAM. OPENING IN ALUMINUM HATCH DOOR FOR TR/PL SENSOR.
- 11. LADDER TO BE BOLTED TO VAULT FLOOR AND TO VAULT WALL AT THREE LOCATIONS. RUNGS SHALL BE SPACED AT 12" ON CENTER. LADDER SHALL INCLUDE BILCO MODEL LU-2 LADDER-UP. SEE DETAIL 19.
- 12. A FULL FLOW BYPASS MAY BE REQUIRED, DEPENDING ON APPLICATION. TO BE DETERMINED BY THE CITY.



METER MAIN	MAIN-	CORP. STOP	MINIMUM CLEARANCES			
SIZE	LINE	FOR METER TESTING SIZE	A	В	C	D
3"	4"D.I.	2"	10"	6"	2'-8"	9"
4"	4"D.I.	2"	12"	6"	2'-8"	9"
6"	6"D.I.	2"	13"	6"	3'-2"	6"



IN CENTRAL BUSINESS DISTRICT, CONNECT TO WATER MAIN WITH 8" PIPE. SUBSTITUTE 8" X SERVICE SIZE REDUCER, MJ, FOR ITEM 1 ON UPSTREAM SIDE OF VAULT.

VAULT COVER SHALL INCLUDE 2 LOCKING ALUMINUM LW HATCH DOORS (PART NO. HHD-48"x48") WITH SLIP RESISTANT TREATMENT PER SECTION W4-17 OF THE ENGINEERING STANDARDS. DOORS SHALL BE

CAST IN COVER WITH 8" SPECIAL OFFSET FROM VAULT WALL, AS SHOWN. COVER TO READ "WATER".

Bellevue

WATER UTILITY

TITLE

3" TO 6" IRRIGATION METER INSTALLATION

NO. **W-35**

JANUARY 2014 NO SCALE